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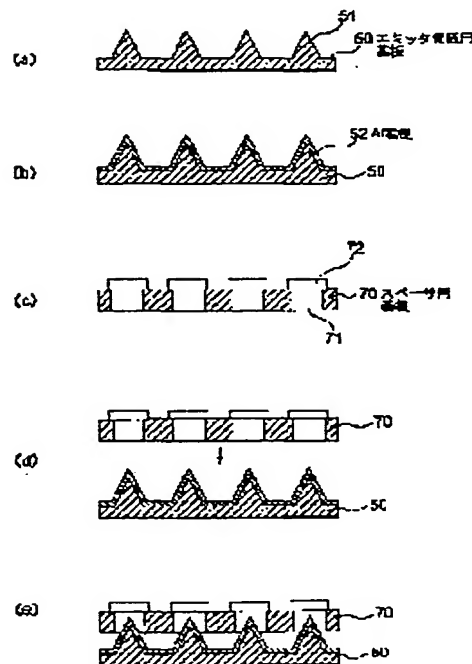
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(54) MANUFACTURE OF EMITTER ELECTRODE FOR FED

(57)Abstract:

PROBLEM TO BE SOLVED: To mass-produce an emitter electrode of an FED(a field emission display) with high accuracy at low cost by simplifying the emitter electrode by using a molding technique.

SOLUTION: This manufacturing method includes the following process steps: an emitter electrode substrate 50 having a plurality of pyramid-like projections being almost the same in shape as an emitter electrode 52 is formed on a resin substrate; the emitter electrode 52 with a specific thickness is formed by evaporation on the surfaces of the plural pyramid-like projections and on the areas between the projections; a resin spacer substrate 70 with a hole in every area corresponding to the emitter electrode 52 is formed; a gate electrode 72 is formed by evaporation on the surface between the plural holes in one side of the spacer substrate 70; and the gate-electrode-evaporated spacer substrate 70 is bonded over the emitter-electrode-evaporated emitter electrode substrate 50, with the gate electrode side upward and with correspondence of the pyramid-like emitter electrode 52 and the said holes.



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